

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A process for handling incoming telephone calls for a subscriber line of a telecommunications network while an online data-network session is blocking the subscriber line, wherein a terminal sets up a connection to an access device of an online data network via the subscriber line, and the access device sends current access data to the terminal the process comprising the steps of:

the terminal signalling the current access data to a service computer of the telecommunications network,

a switching centre of the telecommunications network signalling to the service computer the fact that an incoming call destined for the subscriber line is waiting at the switching center, and

the service computer supplying at least one predetermined service for the purpose of processing the incoming call.

2. (previously presented): A process according to Claim 1, characterised in that by way of a predetermined service the service computer sends a message to the terminal in which attention is drawn to the incoming call.

3. (previously presented): A process according to Claim 1, characterised in that by way of a predetermined service the service computer forwards the incoming call to an alternative destination.

4. (previously presented): A process according to Claim 1, characterised in that by way of a predetermined service the service computer forwards the incoming call to the terminal via the online data network.

5. (previously presented): A process according to Claim 1, characterised in that by way of a predetermined service the service computer instructs one of the switching centre and the terminal to break off or to interrupt the online data-network session blocking the subscriber line and in that the switching centre signals the incoming call on the subscriber line.

6. (previously presented): A process according to Claim 1, characterised in that:

by way of a predetermined service the service computer sends a selection menu to the terminal, by means of which a selection of possible follow-up services for the purpose of processing the incoming call is offered,

the terminal ascertains a selection that has been made by an operator in the selection menu,

the terminal sends the selection to the service computer, and

the service computer supplies the follow-up service defined in the selection.

7. (previously presented): A process according to Claim 1, characterised in that the service computer sends an instruction to the switching centre to signal to the service computer the fact that an incoming call destined for the subscriber line is waiting if the terminal has set up the connection to the access device of the online data network via the subscriber line.

8. (previously presented): A process according to Claim 1, characterised in that the switching centre signals to the service computer a clear-down of the connection blocking the subscriber line.

9. (previously presented): A process according to Claim 1, characterised in that when a call comes in that is directed to a special call number which has been set up in the switching

centre, the switching centre signals to the service computer the fact that an incoming call destined for the subscriber line is waiting.

10. (currently amended): A service computer for handling incoming telephone calls for a subscriber line of a telecommunications network while an online data-network session of a terminal is blocking the subscriber line, ~~characterised in that~~ the service computer comprises comprising:

a receiver configured in such a way that the service computer can receive access data sent from the terminal which the terminal has received from an access device of an online data network in the course of the setting-up of a connection to the online data network via the subscriber line, and further configured such that the service computer can receive a message from a switching centre of the ~~telecommunications~~ telecommunication network in which the switching centre signals to the service computer the fact that an incoming call destined for the subscriber line is waiting at the switching center;

a memory configured in such a way that the service computer can store the access data;
and

a service supply configured in such a way that the service computer can supply at least one predetermined service for the purpose of processing the incoming call with the aid of the access data.

11. (currently amended): A switching centre for handling incoming telephone calls for a subscriber line of a telecommunications network while an online data-network session of a terminal is blocking the subscriber line, said switching centre ~~including~~ comprising:

a receiver configured in such a way that the switching centre can receive and hold an incoming call destined for the subscriber line while the subscriber line is blocked by an online data-network session of the terminal, ~~and~~;

a recognition apparatus configured in such a way that the switching centre can recognise that the terminal has set up a connection blocking the subscriber line, ~~characterised in that the switching centre further comprises;~~ and

a transmitter configured in such a way that the switching centre can send a message to a service computer if an incoming call destined for the subscriber line is waiting while the subscriber line is blocked by an online data-network session of the terminal.

12. (currently amended): A terminal for handling incoming telephone calls for a subscriber line of a telecommunications network while an online data-network session of the terminal is blocking the subscriber line, ~~characterised in that the terminal comprises~~ comprising:

a receiver configured in such a way that the terminal can receive current access data from an access device of an online data network which the access device sends to the terminal in the course of the setting-up of a connection to the online data network via the subscriber line, and

a transmitter configured in such a way that the terminal can send the current access data to a service computer of the telecommunications network, which with the aid of the access data can supply at least one predetermined service for the purpose of processing an incoming call waiting at a switching centre due to the online data-network session of the terminal blocking the subscriber line.

13. (currently amended): A terminal for handling incoming telephone calls for a subscriber line of a telecommunications network while an online data-network session of the terminal is blocking the subscriber line, ~~characterised in that the terminal comprises~~ comprising:

a receiver configured in such a way that the terminal can receive instructions from a service computer which, with a view to supplying at least one predetermined service for the purpose of processing the incoming call waiting at a switching centre due to the online data-network session of the terminal blocking the subscriber line, the service computer sends off to the terminal with the aid of access data which the service computer has obtained from the terminal after a connection from the terminal to the online data network has been set up via the subscriber line, and

execution apparatus configured in such a way that the terminal can execute the instructions.

14. (currently amended): An access-data-sending program module for a terminal for handling incoming telephone calls for a subscriber line of a telecommunications network while an online data-network session of the terminal is blocking the subscriber line, said program module containing program code which can be executed by a processor in the terminal, ~~characterised in that~~ the program module ~~comprises~~ comprising:

receiving code for receiving from an access device of an online data network current access data which the access device sends to the terminal in the course of the setting-up of a connection to the online data network via the subscriber line, and

sending code for sending the current access data to a service computer of the telecommunications network, which with the aid of the access data can supply at least one predetermined service for the purpose of processing an incoming call waiting at a switching centre due to the online data-network session of the terminal blocking the subscriber line.

15. (currently amended): A program module for a terminal for handling incoming telephone calls for a subscriber line of a telecommunications network while an online data-network session of the terminal is blocking the subscriber line, said program module containing program code which can be executed by a processor in the terminal, ~~characterised in that~~ the program module ~~comprises~~ comprising:

receiving code for receiving instructions from a service computer which the service computer sends off to the terminal with a view to supplying at least one predetermined service

for the purpose of processing the incoming call, which is waiting at a switching centre due to the online data-network session of the terminal blocking the subscriber line, with the aid of access data which the service computer has received from the terminal after a connection from the terminal to the online data network has been set up via the subscriber line, and

execution code for executing the instructions.

16. (previously presented): A memory storing an access-data-sending program module according to Claim 14.

17. (previously presented): A memory storing a program module according to Claim 15.

18. (new): A process according to Claim 1, wherein the switching center signaling to the service computer the fact that an incoming call destined for the subscriber line is waiting is performed without forwarding the incoming call to the service computer.

19. (new): A service computer according to Claim 10, wherein the switching centre signals to the service computer the fact that the incoming call destined for the subscriber line is waiting without forwarding the incoming call to the service computer.

20. (new): A switching center according to Claim 11, wherein the transmitter is configured in such a way that the switching centre can send the message to the service computer if the incoming call destined for the subscriber line is waiting while the subscriber line is blocked by an online data-network session of the terminal without forwarding the incoming call to the service computer.

21. (new): A terminal according to claim 12, wherein the incoming call waiting at the switching centre is not forwarded to the service computer.

22. (new): A terminal according to claim 13, wherein the incoming call waiting at the switching centre is not forwarded to the service computer.

23. (new): An access-data-sending program module according to claim 14, wherein the incoming call waiting at the switching centre is not forwarded to the service computer.

24. (new): A program module according to claim 15, wherein the incoming call waiting at the switching centre is not forwarded to the service computer.